

SEQUENCE LISTING

<110> Japan Science and Technology Corporation

<120> Plant Thermogenic Genes and Proteins

<150> JP11-167439

<151> 1999-06-14

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 1525

<212> DNA

<213> *Symplocarpus foetidus*

<220>

<221> CDS

<222> (280).. (1188)

<221> poly A site

<221> (1271).. (1276)

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<301> Ito, K.

<302> Isolation of two distinct cold-inducible cDNAs encoding plant uncoupling proteins from the spadix of skunk cabbage (*Symplocarpus foetidus*)

<303> Plant Sci.

<304> 149

<305>

<306> 167-173

<307> 1999

<308> GenBank AB024733

<309> 2000-02-25

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105 110 115

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Asn Ile Phe Thr His Ile Leu Ala Gly Leu Gly Ala Gly Phe Phe Ala	
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Val Cys Ile Gly Ser Pro Val Asp Val Met Lys Ser Arg Met Met Gly	
230 235 240 245	
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<213> *Symplocarpus foetidus*

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<213> *Symplocarpus foetidus*

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<221> CDS

<222> (286).. (1089)

<221> poly A site

<222> (1171) (1176)

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<300>

<301> Ito, K.

<302> Isolation of two distinct cold-inducible cDNAs encoding plant uncoupling proteins from the spadix of skunk cabbage (*Symplocarpus foetidus*)

<303> Plant Sci.

<304> 149

<305>

<306> 167-173

<307> 1999

<308> GenBank AB024734

<309> 2000-02-25

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<213> *Symplocarpus foetidus*

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Leu Asn Ala Tyr Ser Thr Ile Val Lys Lys Glu Gly Leu Gly Ala Leu
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Trp Thr Gly Leu Gly Pro Asn Ile Ala Arg Asn Ala Ile Ile Asn Ala
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Ala Glu Leu Ala Ser Tyr Asp Gln Val Lys Gln Met Lys Ser Arg Met
195 200 205
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